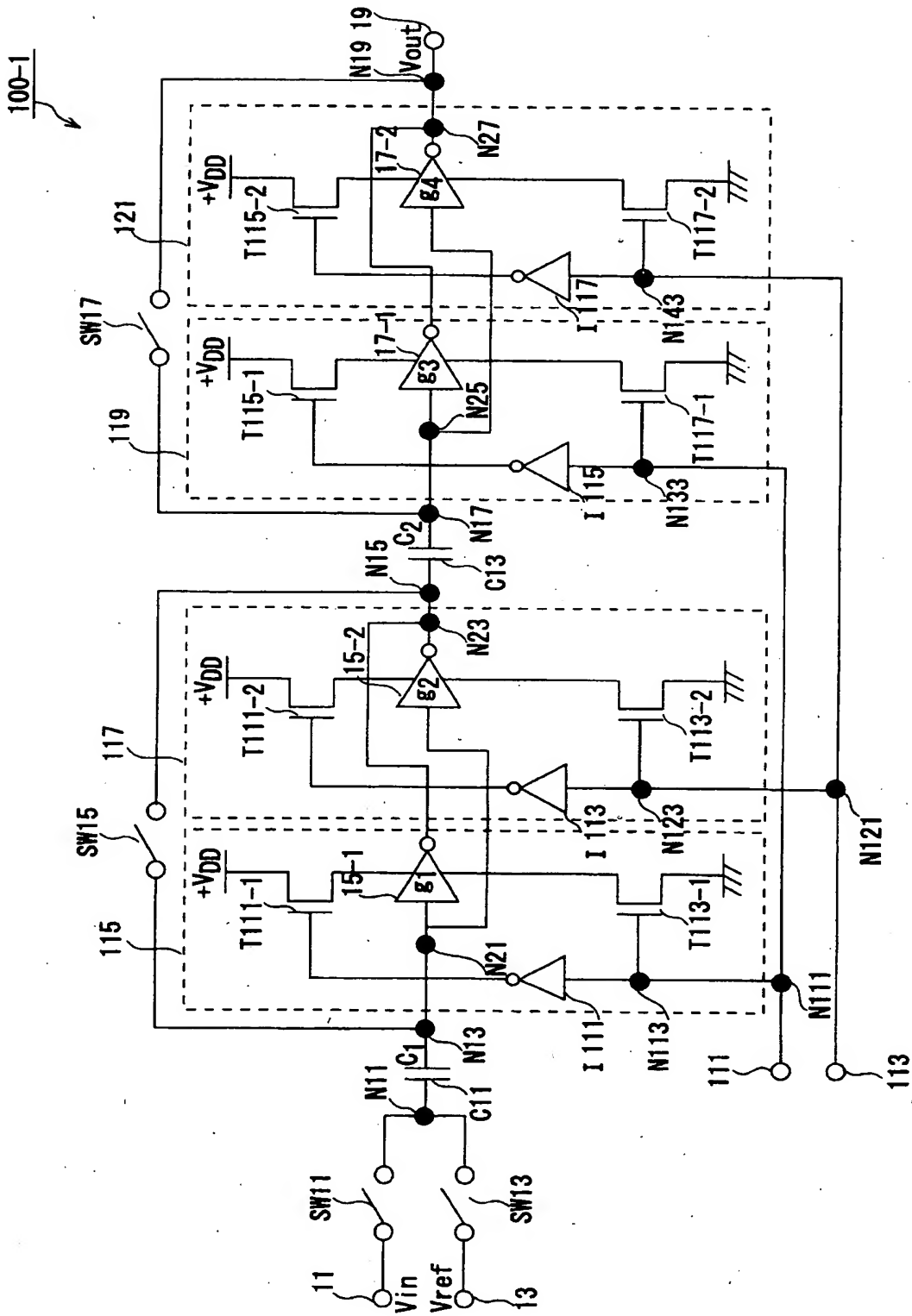
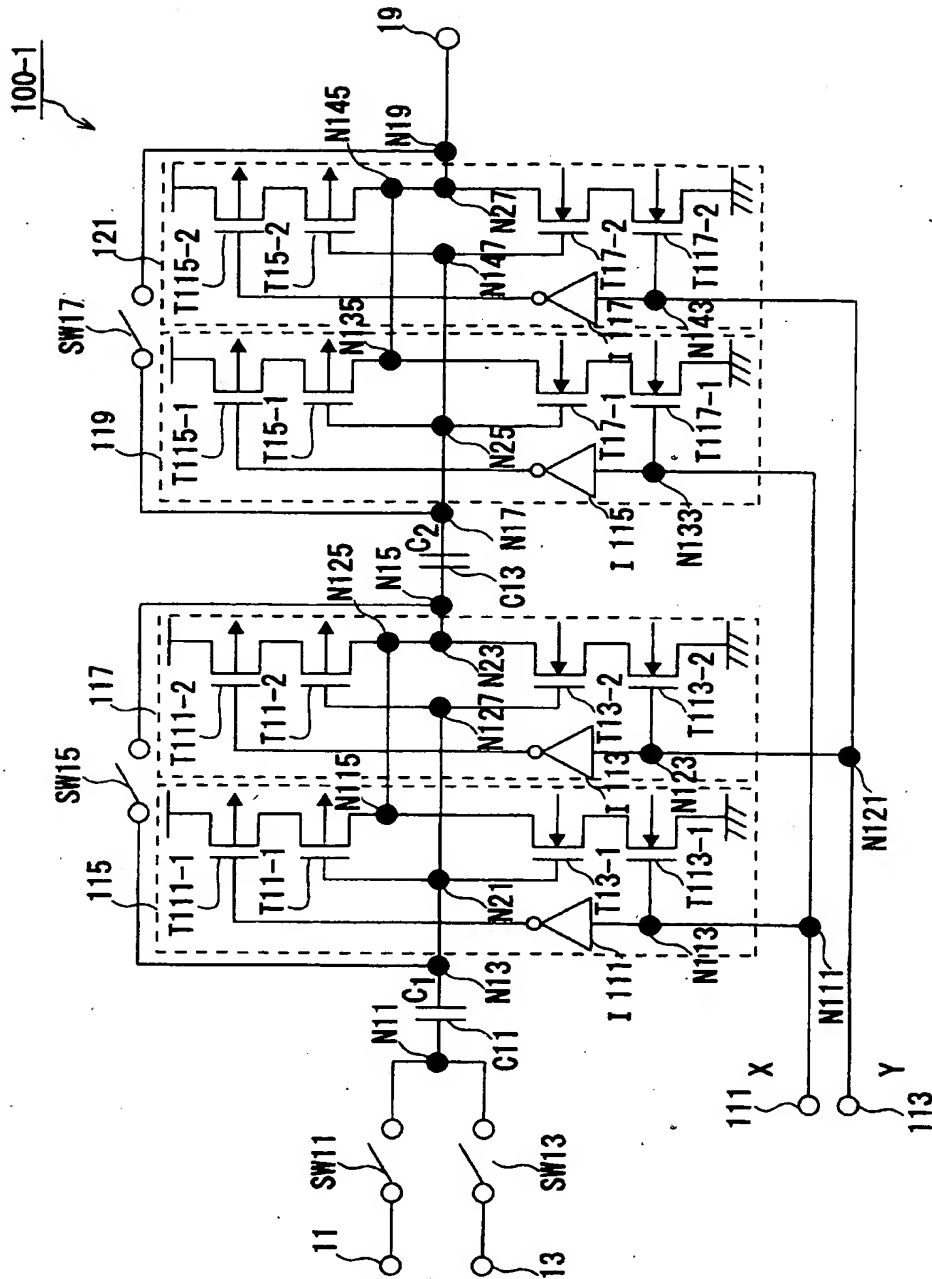


FIG. 1-1



CIRCUIT DIAGRAM SHOWING A CONFIGURATION
 OF A CHOPPER COMPARATOR CIRCUIT
 ACCORDING TO A FIRST EMBODIMENT

FIG. 1-2



CIRCUIT DIAGRAM SHOWING ANOTHER CONFIGURATION
 OF A CHOPPER COMPARATOR CIRCUIT
 ACCORDING TO THE FIRST EMBODIMENT

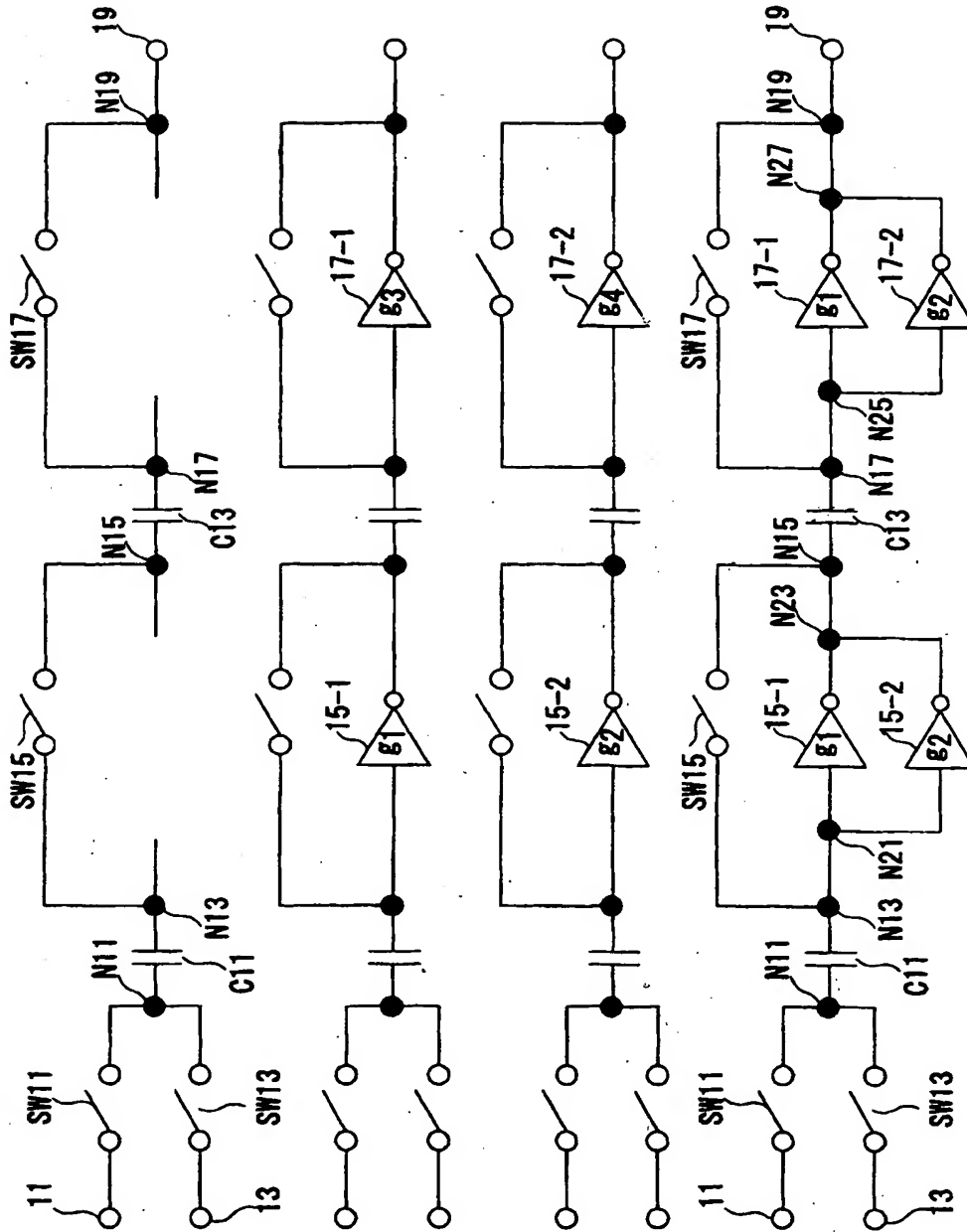


FIG. 1-3(A)

FIG. 1-3(B)

FIG. 1-3(C)

FIG. 1-3(D)

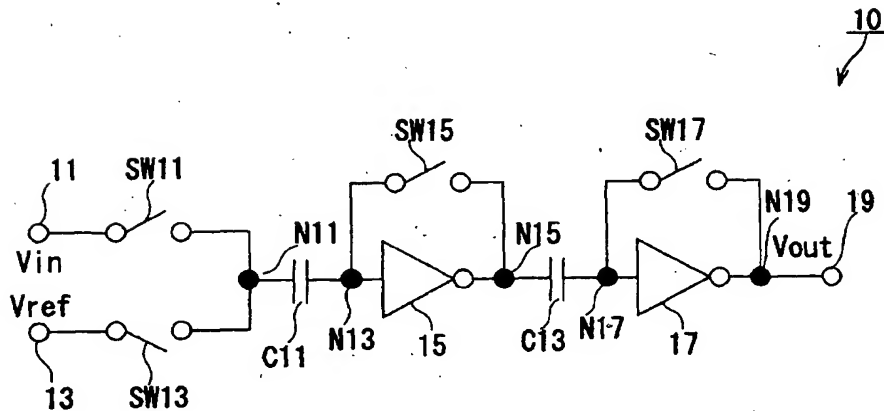
OPERATIONAL DIAGRAM SHOWING THE OPERATION
 OF THE CHOPPER COMPARATOR CIRCUIT
 ACCORDING TO THE FIRST EMBODIMENT

FIG. 1-4

Input terminal 11(X), Input terminal 13(Y)	Gain ratio
0, 0	Power down
0, 1	1
1, 0	2
1, 1	3

TABLE INDICATING THE OPERATION
 OF THE CHOPPER COMPARATOR CIRCUIT
 ACCORDING TO THE FIRST EMBODIMENT

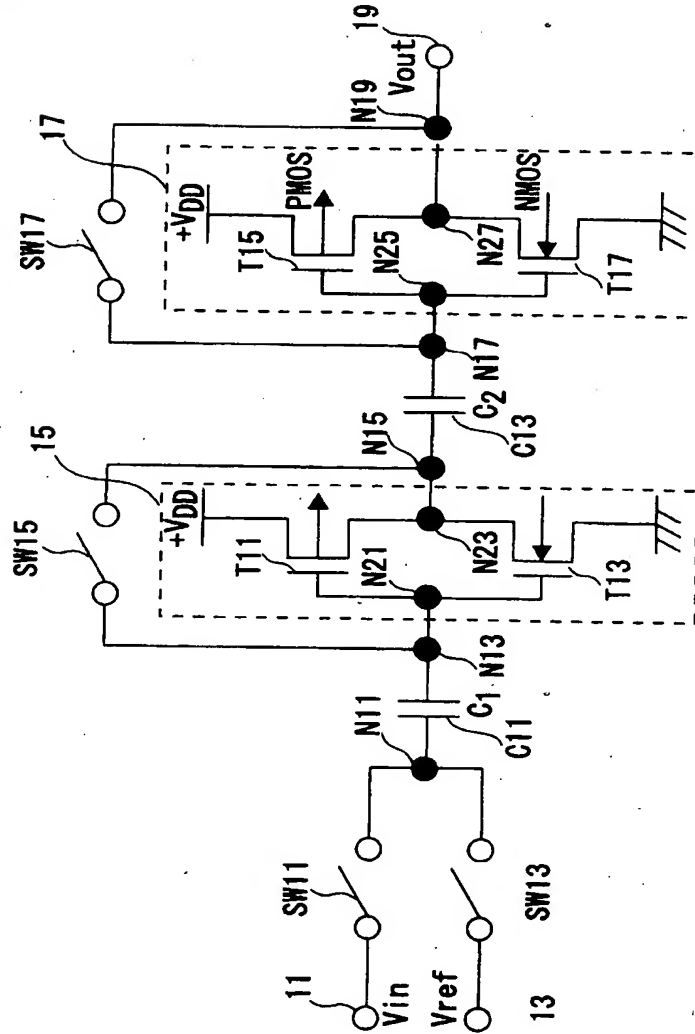
FIG. 2-1(PRIOR ART)



CIRCUIT DIAGRAM SHOWING A CONFIGURATION
 OF A CONVENTIONAL CHOPPER COMPARATOR CIRCUIT

FIG. 2-2(PRIOR ART)

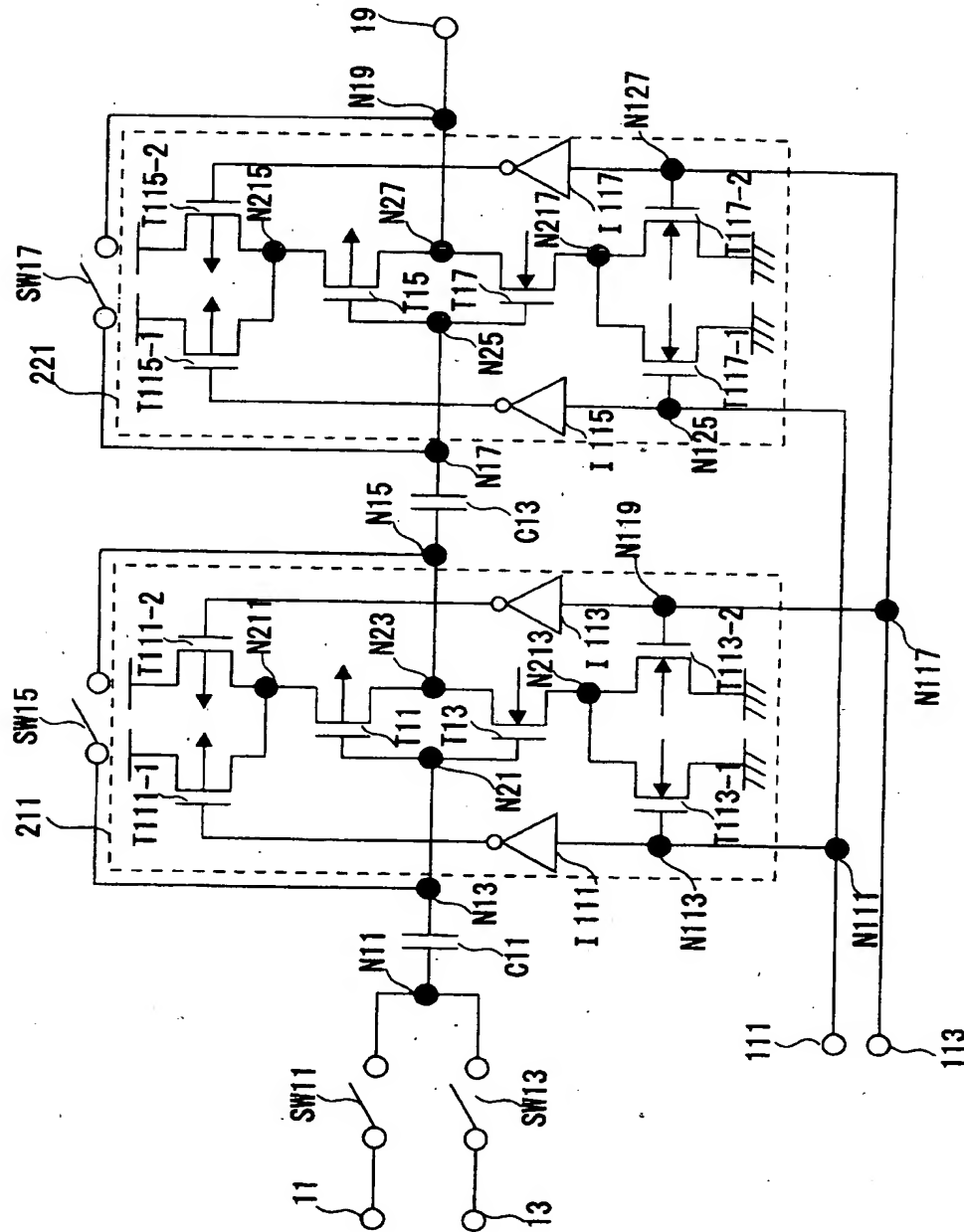
10



CIRCUIT DIAGRAM SHOWING ANOTHER CONFIGURATION
 OF THE CONVENTIONAL CHOPPER COMPARATOR CIRCUIT

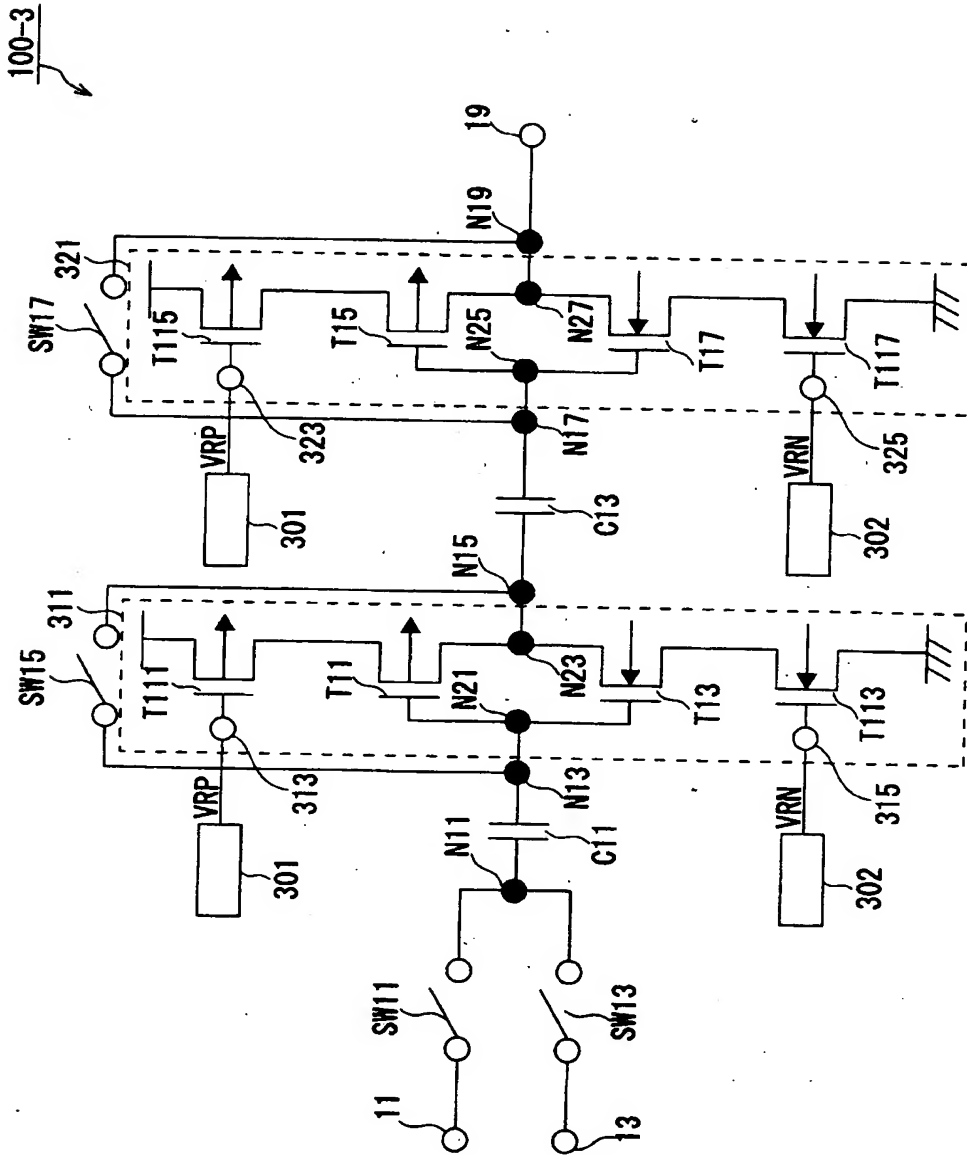
FIG. 3

100-2



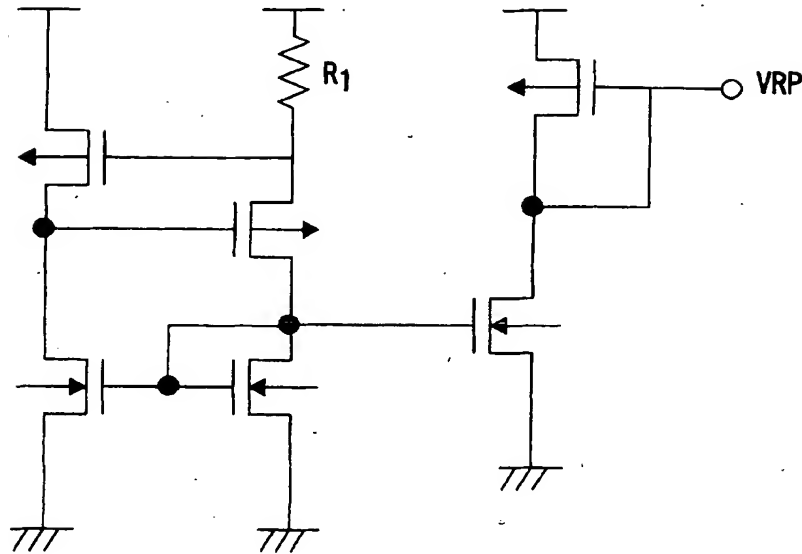
CIRCUIT DIAGRAM SHOWING A CONFIGURATION
 OF A CHOPPER COMPARATOR CIRCUIT
 ACCORDING TO A SECOND EMBODIMENT

FIG. 4-1



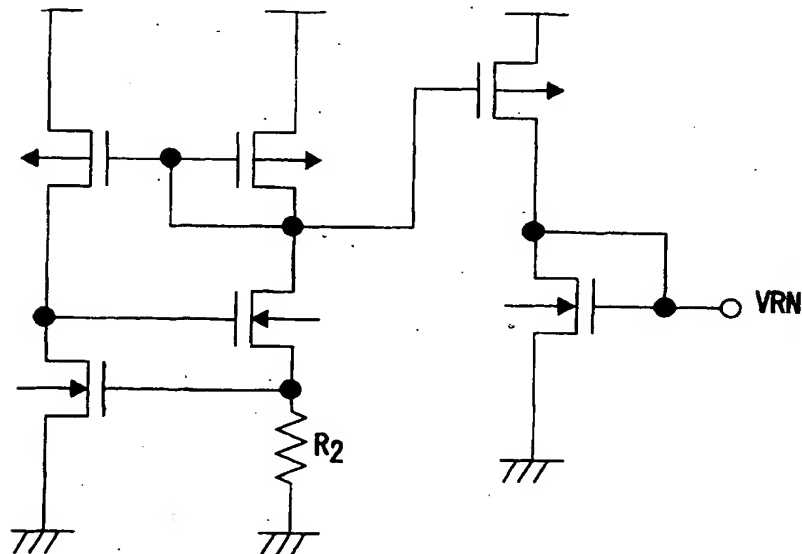
CIRCUIT DIAGRAM SHOWING A CONFIGURATION
 OF A CHOPPER COMPARATOR CIRCUIT
 ACCORDING TO A THIRD EMBODIMENT

FIG. 4-2



CIRCUIT DIAGRAM SHOWING A CONFIGURATION
OF A REFERENCE VOLTAGE CIRCUIT

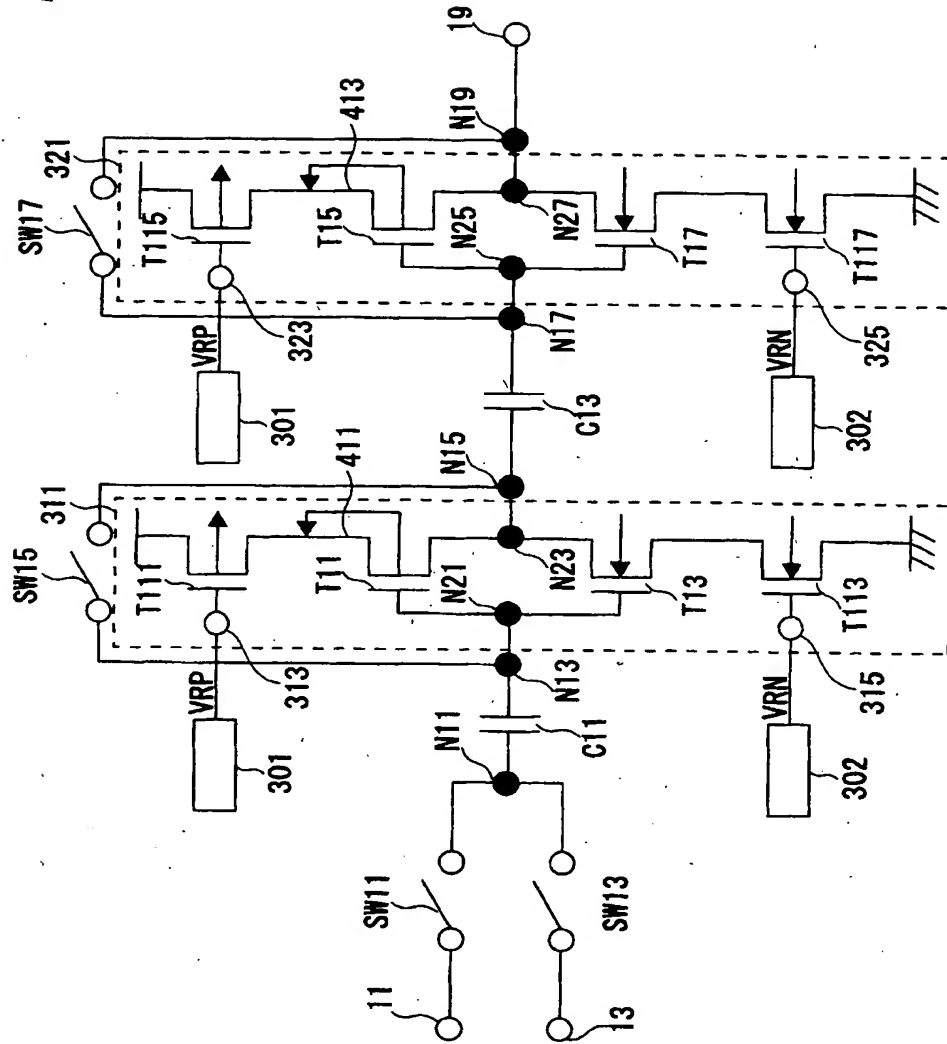
FIG. 4-3



CIRCUIT DIAGRAM SHOWING A CONFIGURATION
OF ANOTHER REFERENCE VOLTAGE CIRCUIT

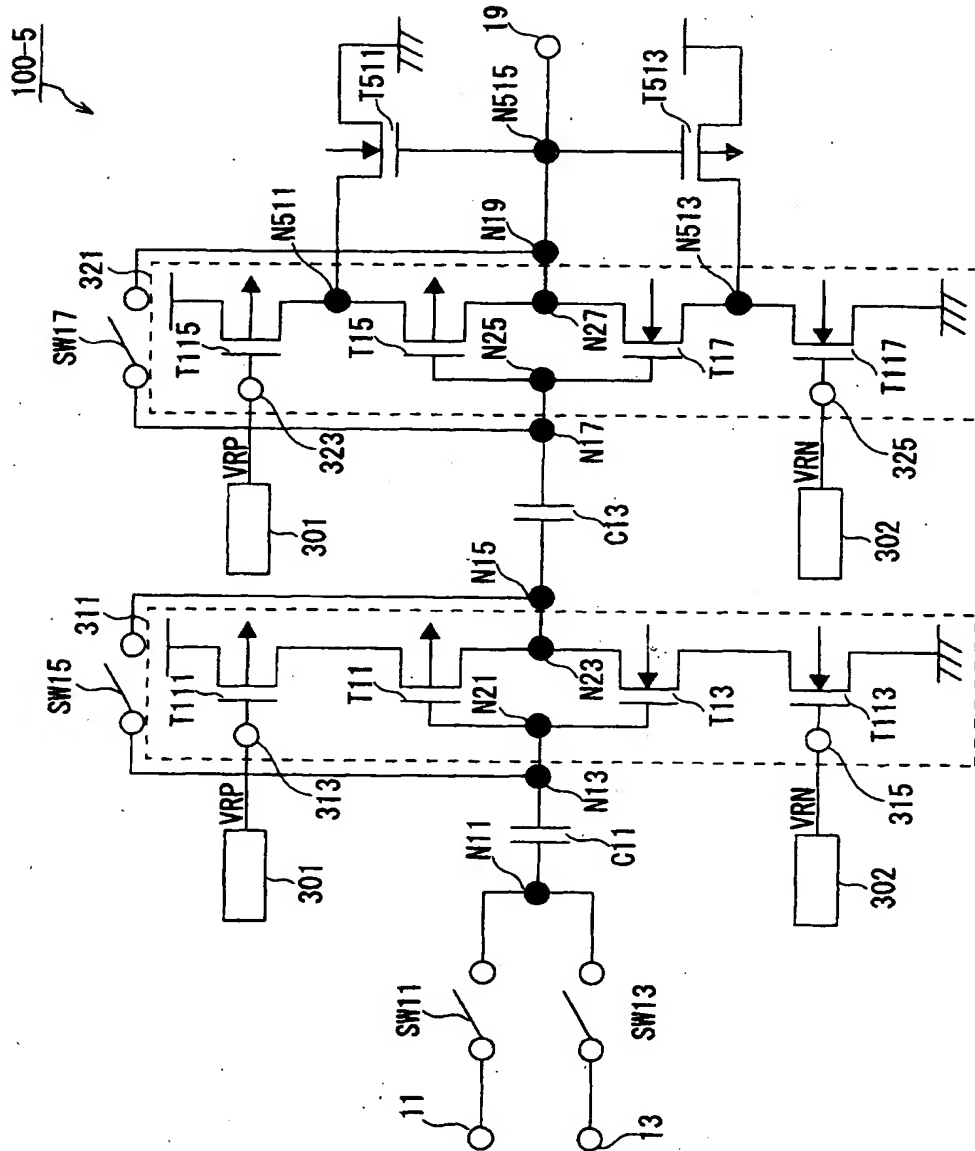
FIG. 5

100-4



CIRCUIT DIAGRAM SHOWING A CONFIGURATION
 OF A CHOPPER COMPARATOR CIRCUIT
 ACCORDING TO A FOURTH EMBODIMENT

FIG. 6



CIRCUIT DIAGRAM SHOWING A CONFIGURATION
 OF A CHOPPER COMPARATOR CIRCUIT
 ACCORDING TO A FIFTH EMBODIMENT